

IN THE CLAIMS:

1. (Currently amended) A solid oxide fuel cell, comprising:

~~an a porous doped-ceria anode including a first portion of doped-ceria, wherein said first portion of doped-ceria is deposited by colloidal spray deposition, wherein said anode is doped with samarium oxide;~~

~~an a doped-ceria electrolyte including a second portion of doped-ceria adherent to said anode;~~

~~a doped-ceria layer adherent to said doped-ceria electrolyte; and~~

~~a cathode including at least one cobalt iron manganese based material, wherein said cathode is adherent to said doped-ceria layer, wherein said fuel cell is capable of operating in the temperature range of 400-700°C.~~

2. (Previously presented) The fuel cell of Claim 1, wherein said anode comprises NiO and doped-ceria.

3-6. (Canceled)

7. (Currently amended) The fuel cell of Claim 1, wherein said cathode is selected from the group consisting of  $(La, Sr)(Co, Fe)O_3$ , and comprises  $(La, Ca)(Co, Fe, Mn)O_3$ .

**8-20. Canceled**